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Soggetti	Database management Computer engineering Computer networks Application software Information storage and retrieval systems Multimedia systems Database Management Computer Engineering and Networks Computer and Information Systems Applications Information Storage and Retrieval Multimedia Information Systems
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Contributions -- Learning Distance Functions for Automatic Annotation of Images -- Ontology: Use and Abuse -- Image Annotation -- Imagination: Exploiting Link Analysis for Accurate Image Annotation -- Automatic Image Annotation Using a Visual Dictionary Based on Reliable Image Segmentation -- Improving Automatic Image Annotation Based on Word Co-occurrence -- Feedback and User Modelling --

Automatic Image Annotation with Relevance Feedback and Latent Semantic Analysis -- A Novel Retrieval Refinement and Interaction Pattern by Exploring Result Correlations for Image Retrieval -- User Modelling for Interactive User-Adaptive Collection Structuring -- Music Retrieval -- Searching for Music Using Natural Language Queries and Relevance Feedback -- Automatically Detecting Members and Instrumentation of Music Bands Via Web Content Mining -- A System for Automatic Chord Transcription from Audio Using Genre-Specific Hidden Markov Models -- Fusion -- Information Fusion in Multimedia Information Retrieval -- Multi-level Fusion for Semantic Video Content Indexing and Retrieval -- P2P and Middleware -- Image Data Source Selection Using Gaussian Mixture Models -- Designing a Peer-to-Peer Architecture for Distributed Image Retrieval -- Databases and Summarization -- Comparison of Dimension Reduction Methods for Database-Adaptive 3D Model Retrieval -- Smart Photo Sticking -- How to Use SIFT Vectors to Analyze an Image with Database Templates -- Ontology and Semantics -- Video Semantic Content Analysis Framework Based on Ontology Combined MPEG-7 -- Trajectory Annotation and Retrieval Based on Semantics.

Sommario/riassunto

This book constitutes the thoroughly refereed post-workshop proceedings of the 5th International Workshop on Adaptive Multimedia Retrieval, AMR 2007, held in Paris, France, in July 2007. The 18 revised full papers presented together with 2 invited papers were carefully selected during two rounds of reviewing and improvement. The papers are organized in topical sections on image annotation, feedback and user modelling, music retrieval, fusion, P2P and middleware, databases and summarization, as well as ontology and semantics.
